AMENDMENTS TO THE CLAIMS:

This listing of claims 9 – 17 will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 8: cancelled

9. (new) A missile detection and neutralization system comprising;

a first computer program product, said computer program residing on a computer readable medium, and configured to classify and analyze electromagnetic frequencies transmitted or received by satellite or land based commercial and private broadcast and telecommunications means;

a second computer program product, said second computer program also residing on said computer readable medium, and configured to classify and analyze weather conditions in at least one geographical area; and

a third computer program product, said third computer program also residing on said computer readable medium, and configured to detect from said weather and frequency classification and analysis functions, the position of a missile launched within said geographical area by targeting the electromagnetic frequency disturbance caused by the fuel burn of said missile, and the ensuing electromagnetic frequency aberrations resulting from the atmospheric disturbance caused by said missile.

10. (new) A missile detection and neutralization system according to claim 9 that includes;

hardware means configured to classify and analyze electromagnetic frequencies transmitted or received by satellite or land based commercial and private broadcast and telecommunications means, and configured to classify and analyze weather conditions in at least one geographical area, and configured to detect from said weather and frequency classification and analysis functions, the position of a missile launched within said geographical area by targeting the electromagnetic frequency disturbance caused by the fuel burn of said missile, and the ensuing electromagnetic frequency aberrations resulting from the atmospheric disturbance caused by said missile.

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Amendments to the claims continued

11. (new) A missile detection and neutralization system according to claim 9 that includes at least one missile launch confirmation means capable of targeting said launched missile after detection, and defining an accurate trajectory for said launched missile.

12. (new) A missile detection and neutralization system according to claim 9 that includes at least one means to create an ionized, or other electrically conductive path through the air or fluid medium that said missile is traversing.

13. (new) A missile detection and neutralization system according to claim 9 that includes at least one means to transmit a precisely tuned electromagnetic frequency pulse configured to interrupt or destroy a missile guidance system, or detonate said missile's fuel source, or deactivate the triggering system of the warhead carried by said missile.

14. (new) A missile detection and neutralization system according to claim 9 that includes a frequency transmission means configured to affect the molecular structure within a missile guidance system or warhead detonator by transmitting at least one frequency wave combination, wherein said frequency wave combination is configured by the addition or subtraction of at least one second frequency wave amplification, harmonic, dissonance, inversion, or an offset of at least one first frequency wave to or from said first frequency wave.

15. (new) A missile detection and neutralization system according to claim 9 that includes a target location data file configured as follows:

each target location is represented in the x/y/z axes relative to a "zero" point on a three dimensional environment software model that matches at least one real world environment, provided at a resolution of ten CM over a variable range of KM;

each target's location in the x, y, and z axes is mapped to said environmental model with the same resolution of CM over a range of twelve KM, using two bytes per axis;

each target is identified with a one byte ID tag, the target locations are updated at least thirty times per second with a global four byte time stamp, with CRC codes added; and

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Amendments to the claims continued

target data is available in real time and as a recorded data file, and an array of statistical outputs from the target data are configured to be extrapolated including:

a. trajectory lines of targets through the environmental model.

b. acceleration/deceleration of targets over time.

c. speed over time.

d. g-forces at vector change.

16. (new) A missile detection and neutralization system that includes means to create an ionized or other electrically conductive path through the air or fluid medium that a missile is traversing, comprising:

means for generating at least one frequency wave combination, wherein said frequency wave combination is configured by the addition or subtraction of at least one second frequency wave amplification, harmonic, dissonance, inversion, or offset of at least one first frequency wave to or from said first frequency wave; and

means for transmitting at least one frequency wave combination, wherein said frequency wave combination is configured by the addition or subtraction of at least one second frequency wave amplification, harmonic, dissonance, inversion, or offset of at least one first frequency wave to or from said first frequency wave.

17. (new) A missile detection and neutralization system that includes means to transmit a precisely tuned electromagnetic pulse configured to interrupt or destroy a missile guidance system, or detonate said missile's fuel source, or deactivate the triggering system of the warhead carried by said missile, comprising:

means for generating at least one frequency wave combination, wherein said frequency wave combination is configured by the addition or subtraction of at least one second frequency wave amplification, harmonic, dissonance, inversion, or offset of at least one first frequency wave to or from said first frequency wave; and

means for transmitting at least one frequency wave combination, wherein said

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frequency wave combination is configured by the addition or subtraction of at least one second frequency wave amplification, harmonic, dissonance, inversion, or offset of at least one first frequency wave to or from said first frequency wave.

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